

**METHOD AND APPARATUS FOR MONITORING
THE ENVIRONMENT WITHIN A MICROFLUIDIC DEVICE**

ABSTRACT OF THE DISCLOSURE

5 A method and apparatus is provided for monitoring the environment within a microfluidic device. The microfluidic device includes a body defining a channel for accommodating flow of fluid therethrough. A monitor structure is disposed in the channel of the body in the flow of fluid. The monitor structure changes color and/or dimension in response to various parameters of the fluid having predetermined values.